CMS Simulation (LHE) 13 TeV o.04 o.035 0.035 0.025 0.04 $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_p} = 1 \text{ GeV}$ $m_{\gamma_{D}} = 0.275 \text{ GeV}, c\tau_{\gamma_{D}} = 20. \text{ mm}$ -1st n_D (leading p_T) 2nd n_D Fraction 5.0.0 15.00 15. 0.01 0.005